

Title (en)

CATHODE MIXTURE FOR USE IN A BIOCOMPATIBLE BATTERY

Title (de)

KATHODENMISCHUNG ZUR VERWENDUNG IN EINER BIOKOMPATIBLEN BATTERIE

Title (fr)

MÉLANGE POUR CATHODE À UTILISER DANS UNE BATTERIE BIOCOMPATIBLE

Publication

EP 2996187 A2 20160316 (EN)

Application

EP 15181874 A 20150820

Priority

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- US 201514746204 A 20150622

Abstract (en)

Methods and apparatus to form biocompatible energization elements (e.g. electroactive contact lenses) are described. In some examples, the methods and apparatus to form the biocompatible energization elements involve forming cavities comprising active cathode chemistry. The active elements of the cathode and anode are sealed with a biocompatible material. The cathode chemistry may preferably comprise (jet-milled) manganese dioxide MnO₂, graphite, polyisobutylene PIB and, as a solvent, toluene.

IPC 8 full level

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CPC (source: CN EP RU US)

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Cited by

EP3396742A1; US10374216B2; US10367233B2; US10451897B2; US10345620B2; US10361405B2; US10386656B2; US10361404B2; US10558062B2; US10381687B2; US10598958B2; US10627651B2

Designated contracting state (EPC)

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